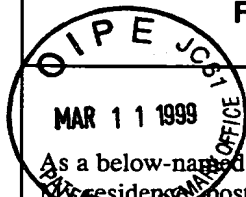


**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY PATENT APPLICATION**

Attorney's Docket No.  
027575-174



As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED:

REDUCED COMPLEXITY MLSE EQUALIZER FOR M-ARY MODULATED SIGNALS

the specification of which

(check one)

☐

is attached hereto;

☒

was filed on January 26, 1999 as

Application No. 09/237,356

and was amended on \_\_\_\_\_;  
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

**COPY**

COMBINED DECLARATION AND POWER OF ATTORNEY			Attorney's Docket No. 027575-174				
COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED				
			YES_ NO_				
			YES_ NO_				
<p>I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">           William L. Mathis 17,337            Peter H. Smolka 15,913            Robert S. Swecker 19,885            Platon N. Mandros 22,124            Benton S. Duffett, Jr. 22,030            Norman H. Stepmo 22,716            Ronald L. Grudziecki 24,970            Frederick G. Michaud, Jr. 26,003            Alan E. Kopecki 25,813            Regis E. Slutter 26,999            Samuel C. Miller, III 27,360            Ralph L. Freeland, Jr. 16,110            Robert G. Mukai 28,531         </td> <td style="width: 33%;">           George A. Hovanec, Jr. 28,223            James A. LaBarre 28,632            E. Joseph Gess 28,510            R. Danny Huntington 27,903            Eric H. Weisblatt 30,505            James W. Peterson 26,057            Teresa Stanek Rea 30,427            Robert E. Krebs 25,885            William C. Rowland 30,888            T. Gene Dillahunt 25,423            Patrick C. Keane 32,858            Bruce J. Boggs, Jr. 32,344            William H. Benz 25,952         </td> <td style="width: 33%;">           Peter K. Skiff 31,917            Richard J. McGrath 29,195            Matthew L. Schneider 32,814            Michael G. Savage 32,596            Gerald F. Swiss 30,113            Michael J. Ure 33,089            Charles F. Wieland III 33,096            Bruce T. Wieder 33,815            Todd R. Walters 34,040         </td> </tr> </table>					William L. Mathis 17,337 Peter H. Smolka 15,913 Robert S. Swecker 19,885 Platon N. Mandros 22,124 Benton S. Duffett, Jr. 22,030 Norman H. Stepmo 22,716 Ronald L. Grudziecki 24,970 Frederick G. Michaud, Jr. 26,003 Alan E. Kopecki 25,813 Regis E. Slutter 26,999 Samuel C. Miller, III 27,360 Ralph L. Freeland, Jr. 16,110 Robert G. Mukai 28,531	George A. Hovanec, Jr. 28,223 James A. LaBarre 28,632 E. Joseph Gess 28,510 R. Danny Huntington 27,903 Eric H. Weisblatt 30,505 James W. Peterson 26,057 Teresa Stanek Rea 30,427 Robert E. Krebs 25,885 William C. Rowland 30,888 T. Gene Dillahunt 25,423 Patrick C. Keane 32,858 Bruce J. Boggs, Jr. 32,344 William H. Benz 25,952	Peter K. Skiff 31,917 Richard J. McGrath 29,195 Matthew L. Schneider 32,814 Michael G. Savage 32,596 Gerald F. Swiss 30,113 Michael J. Ure 33,089 Charles F. Wieland III 33,096 Bruce T. Wieder 33,815 Todd R. Walters 34,040
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<p>and: _____</p> <p>Address all correspondence to: Ronald L. Grudziecki            BURNS, DOANE, SWECKER &amp; MATHIS, L.L.P.            P.O. Box 1404            Alexandria, Virginia 22313-1404</p> <p>Address all telephone calls to: <u>Ronald L. Grudziecki</u> at (703) 836-6620.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>							
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